

|   |                                     |                               |                              |                                     |                                       |
|---|-------------------------------------|-------------------------------|------------------------------|-------------------------------------|---------------------------------------|
| <b>TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT</b><br><b>(Under 37 CFR 1.97(b) or 1.97(c))</b>  |                                     |                               |                              | Docket No.<br><b>20060</b>          |                                       |
| In Re Application Of: <b>Enhui Liu</b>  |                                     |                               |                              |                                     |                                       |
| Application No.<br><b>10/587,228</b>  | Filing Date<br><b>July 24, 2006</b> | Examiner<br><b>Unassigned</b> | Customer No.<br><b>23389</b> | Group Art Unit<br><b>Unassigned</b> | Confirmation No.<br><b>Unassigned</b> |
| Title:<br><br><p style="text-align: center;"><b>METHOD, APPARATUS, EDGE ROUTER AND SYSTEM FOR PROVIDING QOS GUARANTEE</b></p>   |                                     |                               |                              |                                     |                                       |
| Address to:<br><b>Commissioner for Patents</b><br><b>P.O. Box 1450</b><br><b>Alexandria, VA 22313-1450</b>  |                                     |                               |                              |                                     |                                       |
| <b>37 CFR 1.97(b)</b>   |                                     |                               |                              |                                     |                                       |
| 1. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114. |                                     |                               |                              |                                     |                                       |
| <b>37 CFR 1.97(c)</b>   |                                     |                               |                              |                                     |                                       |
| 2. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:   |                                     |                               |                              |                                     |                                       |
| <div style="margin-left: 40px;"> <input type="checkbox"/> the statement specified in 37 CFR 1.97(e); </div>   |                                     |                               |                              |                                     |                                       |
| <b>OR</b>   |                                     |                               |                              |                                     |                                       |
| <div style="margin-left: 40px;"> <input type="checkbox"/> the fee set forth in 37 CFR 1.17(p). </div>   |                                     |                               |                              |                                     |                                       |

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
20060

In Re Application of: Enhui Liu

| Application No. | Filing Date   | Examiner   | Customer No. | Group Art Unit | Confirmation No. |
|-----------------|---------------|------------|--------------|----------------|------------------|
| 10/587,228      | July 24, 2006 | Unassigned | 23389        | Unassigned     | Unassigned       |

Title:

**METHOD, APPARATUS, EDGE ROUTER AND SYSTEM FOR PROVIDING QOS GUARANTEE**

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 19-1013/SSMP as described below.
- ☐ Charge the amount of \_\_\_\_\_
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.
- ☐ Payment by credit card. Form PTO-2038 is attached.

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

**Certificate of Transmission by Facsimile\***

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fa

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(Date)

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Signature

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Typed or Printed Name of Person Signing Certificate

**\*This certificate may only be used if paying by deposit account.**

  
Signature

**Certificate of Mailing by First Class Mail**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on

June 15, 2007

\_\_\_\_\_  
(Date)

  
Signature of Person Mailing Correspondence

Edward W. Grolz

\_\_\_\_\_  
Typed or Printed Name of Person Mailing Certificate

Dated: June 15, 2007

Edward W. Grolz  
Reg. No. 33,705  
Scully, Scott, Murphy & Presser, P.C.

CC:

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|                      |   |                   |               |
|----------------------|---|-------------------|---------------|
| <b>Applicant(s):</b> | Enhui Liu   | <b>Examiner:</b>  | Unassigned    |
| <b>Serial No.:</b>   | 10/587,228  | <b>Art Unit:</b>  | Unassigned    |
| <b>Filed:</b>        | July 24, 2006   | <b>Docket:</b>    | 20060         |
| <b>For:</b>          | METHOD, APPARATUS, EDGE<br>ROUTER AND SYSTEM FOR<br>PROVIDING QOS GUARANTEE | <b>Conf. No.:</b> | Unassigned    |
|                      |   | <b>Dated:</b>     | June 15, 2007 |

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Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT PURSUANT TO 37 C.F.R. §§1.56, 1.97 and 1.98**

**Sir:**

Applicant, in order to meet his duty of disclosure, set forth at 37 C.F.R. §1.56, submits herewith an additional reference which he deems relevant to the claims of the present application.

The relevant additional reference is as follows:

1. WO 02/076050 A (to Worldcom, Inc.) dated September 26, 2002.

Applicant is also enclosing a copy of the supplementary European Search Report citing the above-identified mentioned reference. Said Search report was issued relative to the subject application's counterpart European application.

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 15, 2007.

**Dated:** June 15, 2007

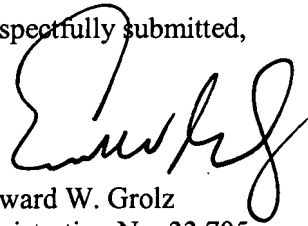
  
Edward W. Grolz

Applicant respectfully requests that the above-mentioned reference be made of record in the file of the present application. To that end, applicant submits herewith the aforementioned reference and the completed Form PTO-1449, setting forth this reference.

Applicant submits that the filing of this Information Disclosure Statement is before the mailing date of a first Office Action on the merits. Therefore, no Declaration or fee is required to effect the filing of this Information Disclosure Statement.

Consideration of this Information Disclosure Statement is respectfully requested, since the information provided herein may be material to the patentability of the subject application as defined in 37 C.F.R. §1.56.

Respectfully submitted,



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EWG/kl

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|--|--|--|--|-------------------------------------|--|--------------------------------------|--|
| Form PTO-1449 U.S. DEPARTMENT OF COMMERCE<br>(REV. 7-80) PATENT AND TRADEMARK OFFICE<br><b>LIST OF PRIOR ART<br/>CITED BY APPLICANT</b><br>(Use several sheets if necessary) |  |  |  | <b>Atty. Docket No.</b><br>20060    |  | <b>Application No.</b><br>10/587,228 |  |
|  |  |  |  | <b>Applicant</b><br>Enhui Liu       |  |                                      |  |
|  |  |  |  | <b>Filing Date</b><br>July 24, 2006 |  | <b>Group</b><br>Unassigned           |  |

| U.S. PATENT DOCUMENTS |  |                 |      |      |       |          |                                 |
|-----------------------|--|-----------------|------|------|-------|----------|---------------------------------|
| EXAMINER<br>INITIAL*  |  | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE<br>(if appropriate) |
|                       |  |                 |      |      |       |          |                                 |
|                       |  |                 |      |      |       |          |                                 |
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| U.S. PATENT PUBLICATION DOCUMENTS |  |  |  |  |  |  |  |
|-----------------------------------|--|--|--|--|--|--|--|
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| FOREIGN PATENT DOCUMENTS |  |                 |         |         |       |          |             |    |
|--------------------------|--|-----------------|---------|---------|-------|----------|-------------|----|
| EXAMINER<br>INITIAL*     |  | DOCUMENT NUMBER | DATE    | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|                          |  |                 |         |         |       |          | YES         | NO |
|                          |  | WO 02/076050    | 9/26/02 | PCT     |       |          |             |    |
|                          |  |                 |         |         |       |          |             |    |
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|                          |  |                 |         |         |       |          |             |    |
|                          |  |                 |         |         |       |          |             |    |

| OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) |  |  |
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|-----------------|------------------------|
| <b>EXAMINER</b> | <b>DATE CONSIDERED</b> |
|-----------------|------------------------|

\* **EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.